

Cable Cleaner/Lubricator



The Cable Cleaner/Lubricator system scrapes old grease from ship's wire rope and applies new grease in one continuous process. This machine eliminates the issue of spent solvents and greasy rag waste resulting from the manual cleaning of ships' wire ropes. The new system also greatly reduces the man power and time required to clean and lubricate cable.

Using the Cable Cleaner/Lubricator is a simple process designed to meet the conditions found onboard a Navy ship. It is corrosion resistant and able to handle the many varieties and sizes of wire rope on Navy ships.

The Cable Cleaner/Lubricator has been successfully evaluated on many Navy and MSC ships. They are being procured for U.S. Navy Auxiliary and Amphibious ships, and Carriers via the Pollution Prevention Afloat Program beginning in FY 99. Fleetwide implementation of the machines has begun and will continue through FY 05.

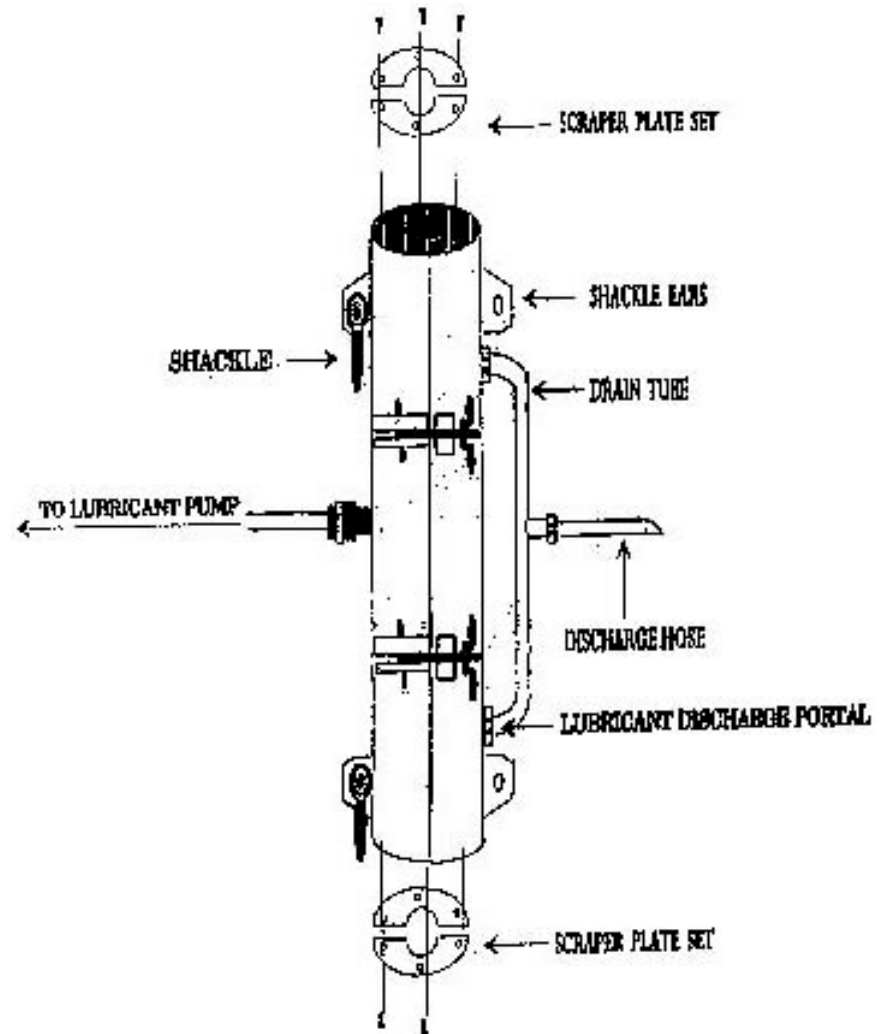
Equipment Characteristics

Performance Application rate: Dependent on the size of wire rope being fed, the air pressure with which the lubricant is applied, and the type of lubricant being used.

Envelope Weight: 81 Lbs. (housing and pump combined)
Housing: 24" high by 10" diameter
Pump: 12" high by 9.5" diameter

Ship's Services Required

Air Supply: Pressure requirements vary based on the distance traveled, cable size, and type of lubricant being used.



The Cable Cleaner is Easy to Operate

- The Cable Cleaner/Lubricator is readied by attaching the right size and lay of scrapers, collars, and groovers to the unit.
- The operator clamps the unit to the cable, the air hose, and the grease application tubing, and the cleaning and lubricating process can begin.
- The unit should be cleaned after each use, to keep the unit functioning properly.

Personnel and Training Requirements

- The manpower required is less than that required by the manual cleaning process.
- The cleaner/lubricator is equipped with safety features like chains and shackles to prevent injury.
- The operators are required to wear safety goggles and gloves.



ILS Support

- A Technical Manual to operate, maintain, troubleshoot, and repair the System is provided.

NAVSEA TM S9582-BH-MMO-010

- Repair parts are readily available.
- Logistics support has been provided.
 - APL 658880017
 - NSN 4930-01-424-2197

Key System Features

- The Cable Cleaner/Lubricator is easy to use.
- Cleans and lubricates wire rope in one step!
- Use improves Sailor safety, health and quality of life.
- Reduces the manpower required to manually clean and re-lubricate wire rope.
- Significantly reduces the amount of rag and lubricant waste created by manually cleaning and lubricating wire rope.

For additional information, please contact:
Naval Surface Warfare Center,
Carderock Division
9500 MacArthur Blvd,
West Bethesda, Maryland 20817-5700
POC: Drew Jackson
P2 Afloat Program, Code 632
(301) 227-5243